

**Abstract**

The invention relates to the use of a composition for the preparation of a hair growth inhibitor and furthermore to the use of a system for the preparation of a hair growth inhibitor. The invention also relates to a composition comprising at least one 5 enzyme, a solvent, and a water activity reducing agent. Moreover, the invention concerns a system for hair growth inhibition comprising a first component and a second component, wherein the first composition of the first component comprises at least one enzyme, a solvent and a water activity reducing agent, and wherein the second composition of the second component comprises an enzyme-activating 10 agent and/or a anti-inflammatory, penetration-promoting agent and/or a preservative agent. The invention in addition relates to a method for inhibiting hair growth and a method for the preparation of a hair growth inhibitor.